

LAZARESCU, FL., ing.

Conduct of irrigated loess soils in South Baragan. Hidrotehnica 8  
no.1:28-31 Ja '63.

FREHDEN, O.; LAZARESCU, Georgeta

Hydrazide of isonicotinic acid prepared through direct  
condensation. Rev chimie Min petr 13 no.2:91-95 F '62.

FREHDEN, O.; LAZARESCU, Georgeta

Determining the normal paraffin content in kerosene used  
as raw material in the manufacture of mersolats. Rev  
chimie Min petr 13 no.8:491-493 Ag '62.

ARDELEAN, V.; PETREANU, I.; LAZARESCU, Gh. (Timisoara)

Meteorologic observations by students. Natura Geografie  
16 no. 2: 48-49 Mr-Apr '64.

LAZARESCU, Grigore I., prof. (R.Vilcea)

The room electric hotbed. Natura Geografie 12 no. 6:92-95  
N-D '60.

LAZARESCU, I.

"The Society of Physicians and Naturalists of Iasi between 1830 and 1850",  
p. 483. "Journal on science issued by the Iasi Branch, Rumanian Academy;  
with French and Russian summaries. Quarterly." (STUDII SI CERCETARI STIINTIFICE,  
Vol. 5, no. 1/2, Jan. June, 1954, Filialia Iasi.)

SO: Monthly List of Eastern European Accessions, (EEAL), IC, Vol. 4, no. 5,  
May, 1955.

LAZARESCU, T.

1887. Copper in rubber technology. Consideration of qualitative colorimetric determinations. A. KISSMANN, M. CRAMER, and T. LAZARESCU. 1987. *Anal. Chem.* 59: 1011-4. In: *Handbook of Rubber Chemistry and Technology*. Methods of determination are discussed for small amounts of copper in raw rubber latex, vulcanized rubber, and fillers, using the measurement of the intensity of the yellow colouring of the copper diethyl dithiocarbamate complex. Tables are given with results obtained at the Roumanian research institute for rubber and leather. There are 49 references from Western and Eastern literature.

PM MK

5  
1 PM  
2 May

LAZARESCU, I.

Some aspects of projecting connected with the manufacturing process. p. 1058.

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industrii Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Rumania. Vol. 5, no. 12, Dec. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 6, June 1959

Uncl.



LAZARESCU, I.

TECHNOLOGY

Periodicals: METALURGIA SI CONSTRUCTIA DE MASINI. Vol. 10, no.6, June 1956

LAZARESCU, I. A decennium of development in the machine-and-tool-construction industry. p. 529

Monthly List of East European Acquisitions (MEAI) LC, Vol. 8, No. 2,  
February 1956, Unclass.

**PLEASE 1 BOOK INFORMATION**

FD-36/5788

Institutional Publications, 1959.  
 (Scientific Words) Club, Interference Publications, 1959.  
 Club, Transactions.

677 p. - Kines slip inserted. No. of copies printed not given. No limited filmstrip (Scientific Works) Encl. Interim: 1964-1965. Contributions mentioned.

REMARKS: THIS BOOK IS FOR MECHANICAL ENGINEERING STUDENTS AND MECHANICAL ENGINEERS.

[illegible]

## TABLE OF CONTENTS

[illegible]

LAZARESCU, I.; BOGDAN, A.

Contributions to the geometry of conic gear cutters with circular gear teeth.  
p.887

STUDII SI CERKETARI DE MECANICA APLICATA. Academia Republicii Populare Romine  
Bucuresti, Rumania  
Vol. 10, no.3, 1959

Monthly List of East European Accessions (EEAI) IC., Vol. 9, no.1, Jan. 1960  
Uncl.

LAZARESCU, Ion, prof. ing.

Establishing the volume of working allowance in tools, and determining their field of tolerance according to the volume and tolerance field of the pieces. Metalurgia constr mas 14 no. 2:159-164 F'62.

1. Institutul politehnic, Cluj.

R/003/62/000/001/007/007  
5272/5304

AUTHORS: Lăzărescu, I., Abrudan, G. and Arghir, G.  
TITLE: On the machining accuracy of conical components  
PERIODICAL: Mecanica aplicata, no. 1, 1962, 219-234

TEXT: An analytical study was performed on the effects of geometric parameters in external and internal machining of conical items, assuming rectilinear and hyperbolic cutting edges. Formulas are derived for the coefficients of the hyperbolic errors; the latter are found to increase with growth of the disengaging angle  $\gamma$ ; the hyperbolic errors of the profiled disc cutting tool increase with growth of the angles  $\gamma$  and  $\varepsilon$  ( $\varepsilon = \gamma + \alpha$ ,  $\alpha$  being the positioning angle of the cutting tool); the hyperbolic error of the tool is much higher than that of the component itself when  $d$  or  $d_1$  (the small or the large diameters of the truncated conical component) is equal to that of the disc profiled cutting tool  $D$ ; the hyperbolic error of the cutting tool increases up to a certain value

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On the machining accuracy ...

R/003/62/000/001/007/007  
B272/D304

with increase of the ratio  $b_c/D$  ( $b_c$  - the thickness of the disc profiled cutting tool) and then it levels off; the hyperbolic errors of the component itself increase with the ratio  $K_p = d/d_1$  (external cutting), or  $K'_p = d_1/d$  (internal cutting) until  $K_p = K'_p \approx 0.35$ , but above this value the effect is reversed, and the respective hyperbolic errors decrease with increase of  $K_p$  and  $K'_p$ ; the hyperbolic error of the cutting tool increases similarly up to the ratio  $K_c = D_1/D \approx 0.35$ , and above this value it decreases with increase of  $K_c$ . Measures for eliminating the hyperbolic errors are formulated. There are 7 figures and 1 Soviet-bloc reference.

ASSOCIATION: Institutul politehnic, Cluj (Cluj Polytechnic Institute)

SUBMITTED: September 12, 1961

Card 2/2

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KIRITESCU, Al., chim.; CEAMIS, M., ing.; LAZARESCU, I., chim.

Copper in rubber technology. Some considerations on the  
colorimetric quantitative determination. Industria usoara  
3 no.12:500-504 D '56.

LAZARESCU, Ioan, chim.; JILAVU, Marcela, ing.

Determination of sulfides in rubber mixtures used in the food industry.  
Industria usoara 10 no.3:101-105 Mr '63.



LAZARESCU, Ioan, chimist; JILAVU, Marcela, ing.

Identification of some accelerators in vulcanized products  
by the chromatography method. Industria usoara 10 no.12:  
572-577 D'63.

1. Seful laboraorului chimic din cadrul Laboratorului central  
al Combinatului de cauciuc Jilava (for Lazarescu).
2. Laboratorul chimic din cadrul Laboratorului central al  
Combinatului de cauciuc Jilava (for Jilavu).

LAZARESCU, Ioan, chimist

Identifying the elastomers. Industria usara 11 no. 78354-359  
Jl'64

LAZARESCU, I.; ALBU, A.; LAZAR, P. SIMON, A.; DEACU, L.

Contributions to the calculation of friction electromagnetic  
clutches with ferrodiamagnetic materials. Bul stiint polit Cluj  
6:295-305 '63.

L 63421-65

ACCESSION NR: AP5023248

RU/0012/64/000/005/0815/0819

AUTHOR: Lazarescu, I. (Colonel, Doctor); Paun, C. (Major, Doctor); Forna, E. (Doctor); Lazer, Al. (Doctor)

TITLE: Considerations on a case of osteohypertrophic varicose vein

SOURCE: Revista sanitara militara, no. 5, 1964, 815-819

TOPIC TAGS: circulatory system disease, cardiovascular system

ABSTRACT: The authors present and discuss a case of Klippel-Trenaunay syndrome in a 23-year old woman. The symptoms in this case only appeared after a thrombophlebitis attack in the lower leg aggravated the congenital condition.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: L3

NR REF SOV: 001

OTHER: 013

JPRS

1/1

L 63715-65

ACCESSION NR: AP5022059

AUTHOR: Tomoiaga, Radu (Engineer, Head of laboratory)(Bucharest); Lazarescu, Ilie (Chief engineer) 55

RU/0004/64/000/012/0468/0475

TITLE: Contributions to the calculation and selection of dimensions for helicoidal springs in connecting switchgear 12 B

SOURCE: Electrotehnica, no. 12, 1964, 468-475

TOPIC TAGS: electric switchgear, helical spring, electric engineering

ABSTRACT: A discussion of the calculations for connecting switchgear in view of the increased dynamic stresses brought about by increased life expectancy and drive frequency. It is pointed out that the selection of dimensions for the springs undergoing intense dynamic stresses requires the use of numerous experimentally obtained parameters. Orig. art. has: 5 figures, 24 formulas, 6 tables.

ASSOCIATION: Laboratorul electrotehnic de la intreprinderea "Electroaparataj" (Electrotechnical Laboratory of the Enterprise "Electroaparataj") 55

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L 63715-65

ACCESSION NR: AP5022059

SUBMITTED: 10Apr64

ENCL: 00

SUB CODE: EE

NR REF SOV: 000

OTHER: 011

JPRS

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Card 2/2

BULIGESCU, L., dr.; NICULESCU, Gh. conf.; POPESCU, E., dr.; BUCUR, A., dr.; SUCIU, Dan, dr.; LAZARESCU, L., dr.

Choledocholithiasis. Med. int., Bucur. 11 no. 11: 1731-1738 N '59.

1. Incrare efectuata in Spitalul "Carol Davila", Bucuresti.  
(CHOLEDOCHOLITHIASIS, diagnosis)  
(CHOLANGIOGRAPHY)

LAZARESCU, M

" Flight of birds and flight of airplanes." p. 12  
(AVIATIA SPORTIVA, Vol. 5, No. 9, Sept. 1954) Bucuresti, Rumania.

SO: Monthly list of East European Accessions, (EEAL). LC, Vol. 4, No. 1  
Jan. 1955, Uncl.



LAZARESCU, M

Preparation, launching, and flight of model airplanes with rubber motors. p. 9. (ARIPILE PATRIEL, Bucuresti, Vol. 6, No. 1, Jan. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

LAZARESCU, M., dr.

Observations on spatial relations in prepsychopathic subjects.  
Neurologia (Bucur) 10 no.1:49-56 Ja-F'65.

1. Lucrare efectuata in Spitalul de neuropsihiatrie infantila,  
Paclisa (director: dr. V. Ilea).

LAZARESCU, Maria

Spacing annual leave of Rumanian workers during the whole year.  
Munca sindic 6 no.12:50-52 D '62.

1. Responsabila comisiei de asigurari sociale a comitetului sindicatului  
Fabricii de confectionii si tricotate, Bucuresti.

MURESANU, Agnes, dr.; ROBANESCU, N., dr.; LAZARESCU, P., dr.

Benign acute synovitis of the hip in children. *Pediatrics*  
(Bucur.) 13 no.6:521-526 N-D '64

1. Lucrare efectuata la Spitalul de copii al Raionului  
"T. Vladimirescu", Bucuresti.

IONESCU, V.; LAZARESCU, R.

An unusual case of pararrhythmia. Med. int., Bucur. 9 no.7:1110-1113  
July 57.

1. Institutul de fiziologie normala si patologica al Academiei R.P.R.  
Prof. D. Danielopolu.

(ARRHYTHMIA, case reports  
pararrhythmia, unusual case)

BRUCKNER, I., prof.; STANESCU, M., dr.; PURICE, S., dr.; LAZARESCU, R., dr.

Pleuropulmonary manifestations in collagen diseases. Med. intern.,  
Bucur 12 no.9:1311-1317 S '60.

(COLLAGEN DISEASES, complications) (LUNG DISEASES)

BRUCKNER, I., prof.; LICHTIG, Ernestina, dr.; TITEICA, Maria, dr.;  
LAZARESCU, R., dr.; FICA, V., dr.

Research on chronic urinary tract infection. Med. intern. 15  
no.11:1293-1300 N '63.

1. Lucrare efectuata in Clinica medicala I.M.F., Spitalul "Dr. I. Cantacuzino", Bucuresti. 2. Membru corespondent al Academiei R.P.R. (for Bruckner).  
(URINARY TRACT INFECTION) (MICROBIOLOGY)  
(URINE) (PYURIA) (KIDNEY FUNCTION TESTS)

BRUCKNER, I., prof.; LIGHTIG, Ernestina, dr.; TITEICA, Maria, dr.;  
LAZARESCU, R. dr.; FICA, V., dr.; VELCIU, V., dr.

Research on the relation between chronic urinary infections and  
arterial hypertension. Med inter 15 no.5: My '63.

1. Lucrare efectuata in Clinica medicala a Spitalului  
"Dr. I. Cantacuzino" in colaborare cu Prosectura  
Spitalului "Dr. I. Cantacuzino", Bucuresti.  
(HYPERTENSION, RENAL) (URINARY TRACT INFECTIONS)  
(PYELONEPHRITIS) (GLOMERULONEPHRITIS)



BRUCKNER, I., prof.; STANESCU, M., dr.; LAZARESCU, R., dr.; ION, C., dr.

The treatment of arterial hypertension with guanethidine.  
Med. intern. 15 no.7:861-866 JI '63.

1. Lucrare efectuata in Clinica medicala a Spitalului "Dr.  
I. Cantacuzino", I.M.F. - Bucuresti.  
(HYPERTENSION) (GUANETHIDINE)

BRUCKNER, I., dr.; LAZARESCU, R. dr.

Endemic nephropathy in Rumania. Orv. hetil. 105 no.35:1634-1637  
Ag 30 '64.

1. Bukaresti Orvosi es Gyogyszeteszeti Foiskola, "Cantacusino"  
Belklinika (igazgato: I. Bruckner dr., a RTA levelezo tagja).

VICOL, Pavel, ing.; MILITARU, Paul, ing.; TENCU, Constantin, ing.;  
LAZARESCU, Stelian, ing.

Crossing the Danube River in Rumania by means of subfluvial cables.  
Energetica Rum 9 no.5:191-209 My '61.

23982  
R/006/60/008/005/001/001  
A231/A126

6,1240  
AUTHORS:

Vicol, Pavel, and Lăzărescu, Stelina, Engineers

TITLE:

Underground electric conductors of very high voltage. Construction of the first 110-kv underground conductor in the capital

PERIODICAL:

Energetica, v. 8, no. 5, 1960, 193 - 206

TEXT:

The article deals with very high-voltage underground electric cables used for the transmission of electric power in cities, and with the laying of the first very-high-voltage cable in Bucharest. The authors first present some general considerations on the characteristics of cables, i. e. insulation, shielding, phenomena of high voltages, dielectric losses, thermal stability of the cables, ionizing phenomena, thermal dilatation difference between the insulating mass and the Pb sheath, the use of high pressure in cables of very high-voltage cables, and the particularities of the laying technology, cables with external gas pressure, as well as termination boxes and junction boxes. The first 110-kv underground cable of Bucharest has been laid by the Intreprinderea nr 1 a Trustului de Construcții și Montaje Energetice (No. 1 Enterprise of the Power Engineering Construction and Assembly Trust) on the basis of a project

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R/006/60/008/005/001/001

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Underground electric conductors of very high voltage. ...

worked out by the Institutul de Studii și Proiectări Energetice (Institute of Power Engineering Studies and Designs). The 2,000-m long cable is leading from the Dîmbovita River in northern direction to a 110/30/10-kv transformer substation located in the center of the consumer area. The cable used was a single-conductor cable with low-pressure oil circulation, a section of which is shown in Figure 16. The central channel has a diameter of 10 mm, the lead sheath a thickness of 1.9 mm, and the insulation a thickness of 8.5 mm. The installation level scheme of the underground cable is shown in Figure 17. The following factors have been taken into consideration in the selection of the track: use of the street section between the sidewalk margin and gutter, possible avoidance of streets with heavy streetcar traffic, avoidance of other 6- or 30-kv cable tracks. The three single-conductor cables which form the three-phase channel, have been laid directly into the ground according to Figure 18. The channel is protected by 6-cm thick prefabricated concrete panels and is filled with selected earth of low thermal resistivity. The 2,000-m long track is formed of four sections separated by three sets of normal junction boxes. The constant-pressure oil reservoirs are located in the garret of the substation, whereas the variable-pressure oil reservoirs have been installed in a semiclosed brick structure at the junction of the cable with the aerial. The laying has been started at the

Card 2/6

23982

Underground electric conductors of very high voltage. .. R/006/60/008/005/001/001  
A/231/126

19 references: 4 Soviet-bloc and 15 non-Soviet-bloc.

Figure 16: Section through 110-kv single-conductor cable

I: central channel, II: insulation, impregnated paper, III: lead sheath, IV: PVC sheath, V: copper conductor, VI: bands of carbon paper, VII: bands of metal-coated paper, VIII: bands of zinc-coated copper

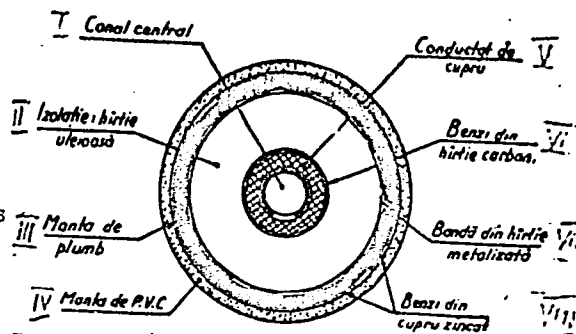


Fig. 16. Secțiune prin cablu cu circulație de ulei folosit în canalizarea 110 kV din București.

Card 4/6

Lazarescu, V.

Analytic tectonic observations on the relative age of fold formations. p. 97.

STUDII SI CERCETARI DE GEOLOGIE. Bucuresti, Rumania. Vol. 4, No. 1, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 1, Jan 1960.

Uncl.

DUMITRESCU, I.; SANDULESCU, M.; LAZARESCU, V.; MIRAUTA, O.; PAULIUC, S.;  
GEORGESCU, C.

The tectonic map of Rumania. Anuarul Comit geol 32:5-96 '62.



LAZARESCU, V.

RUMANIA/Cultivated Plants - Fruits, Berries.

M-8

Abs Jour : Ref Zhur - Biol., No 2, 1958, 32517

Author : Constantinescu, Ch., Lazarescu, V., Poenaru, I.

Inst : Agronomical Institute.

Title : The Determination of the Date of Grape Blossoming by the Quantity of Leaves and the Length of the Sprouts.

Orig Pub : Gradina, via si livada, 1957, 6, No 5, 32-36.

Abstract : It was found through experiments made by the Agronomical Institute, that in the forest steppe of Bucharest Province (1950-1955), the beginning of grape blossoming is determined by the appearance of 15-22 leaves (the smallest number applies to the Merlot variety and the greatest number was observed on the Clairette and black Kishnisk varieties). It is also determined by the development of powerful sprouts 116-168 cm long (168 cm long in the case of

Card 1/2

RUMANIA/Cultivated Plants - Fruits. Berries.

H-8

Abs Jour : Ref Zhur - Biol., No 2, 1958, 39517

Clairette doré and Riesling de Calabra varieties, 116 cm in the case of Game Blanc variety). Many varieties start to blossom when the length of sprouts attains 140-170 cm. The determination of the blossoming period of grapes contributes to the timely accomplishment of agricultural engineering work in the vineyard. -- E.T. Zhukovskaya.

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LAZARESCU, V.; POENARU, I.; CORBEANU, S.

Variations in the chemical composition of the grapevine leaves during the blossoming period. p. 83

STUDII SI CERCETARI DE BIOLOGIE. SERIA BIOLOGIE VEGETALA. Bucuresti, Rumania Vol. 11, no. 1, 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 19~~60~~

Uncl.

POENARU, I.; LAZARESCU, V.

Contribution to the knowledge of the flowers of *Vitis silvestris*  
Bmel. Studii cerc biol veget 11 no.3:317-331 '59. (EEAI 10:3)  
(Grapes) (Flowers)

MIHALCA, Gheorghe, ing. (Bucuresti); LAZARESCU, Victor, ing. (Bucuresti)

Winter dressing in orchards and vineyards. Natura Geografie  
12 no. 6:88-92 N-D '60.

POENARU, Ilie, ing. (Bucuresti); LAZARESCU, Victor, ing. (Bucuresti)

Application of agrotechnical measures, a highly important  
means for the increase in the production of vineyards. Natura  
Biologie 14 no.2:80-84 Mr-Apr '62.

TARNAVSCHI, I.T.; CIOBANU, I.R.; LAZARESCU, V.

Karyologic research on some ~~grapevine~~ species cultivated in  
Rumania. Comunicarile AR 13 no.11:963-967 N'63.

1. Communicate prezentata de C.C.Georgescu, membru corespon-  
dent al Academiei R.P.R.

LAZARUSCU, V., ing., laureat al Premiului de Stat (Bucuresti)

Practical work of vintage. Natura Biologie 16 no.5:52-54 S--0  
'64.



LAZARETNIK, A.Sh. (Kiyev, Pushcha-Voditsa)

Results of treating peptic ulcer as revealed by data of the "Pushcha-Voditsa" Sanatorium of the U.S.S.R. Ministry of Defense; Vrach. delo no.8:132-133 Ag '60. (MIRA 13:2)

(PEPTIC ULCER)

(PUSHCHA-VODSITSA—SANATORIUMS)

LAPINA, G.G. (Kiyev); GORODETSKIY, M.M. (Kiyev); LAZARETNIK, A.Sh. (Kiyev);  
KOVBASKO, M.A. (Kiyev)

Diagnostic significance of the determination of C-reactive protein  
in some diseases of the liver. Vrach. delo no.6:26-28 Je '61.  
(MIRA 15:1)

(BLOOD PROTEINS) (LIVER DISEASES)

LAZARETNIK, A.Sh. (Kiyev)

Effect of vitamin B<sub>12</sub> on the healing of experimental gastric  
ulcers induced by atophane. Vrach. delo no.2:25-29 F '62.  
(MIRA 15:3)

1. Eksperimental'naya laboratoriya Kiyevskogo okruzhnogo  
voyennogo gosпитalya.

(PEPTIC ULCER)

(CYANOCOBALAMINE)

(CINCHOPHEN—PHYSIOLOGICAL EFFECT)

LAZARETNIK, A.Sh.

Dynamics of the change in the activity of cholinesterase in an  
experimental gastric ulcer. Sbor.nauch.trud.Kiev.okruch.voen.  
gosp. no.4:135-137 '62. (MIRA 16:5)  
(STOMACH—ULCERS) (CHOLINESTERASES)

LAZARETNIK, A.Sh.

Effectiveness of the use of vitamin B<sub>12</sub> (cyanocobalamine),  
hexonium B and vicalin in atophan ulcers. Vrach. delo  
no.12:92-96 D '63. (MIRA 17:2)

1. Kafedra fakul'tetskoy terapii (zav. - prof. G.I.  
Burchinskiy) Kiyevskogo meditsinskogo instituta, i eksperi-  
mental'naya i patologoanatomicheskaya laboratoriya (nauchnyy  
rukovoditel' - prof. V.L. Byalik) Kiyevskogo voyennogo  
gospitalya.

LAZARETOV, V.

Trend for the creation of a unified automotive transportation  
system. Avt.transp. 41 no.10:33 0 '63. (MIRA 16:10)

LAZAREV, A., inzh.

Villages of Beloyarskoye District improve their planning and organization. Sel'. stroi. 12 no.11:11 N '57. (MIRA 10:11)  
(Beloy Arskoye District--Collective farms)

LAZAREV, A., starshiy inzh.

Good innovation speaks for itself. Izobr., i rats. no. 2:18-19 F '61.  
(MIRA 14:2)

1. Trest "Bashsantekhmontazh", g. Ufa.  
(Gas welding and cutting—Technological innovations)



LAZAREV, A.

Distr: 4E3d

7

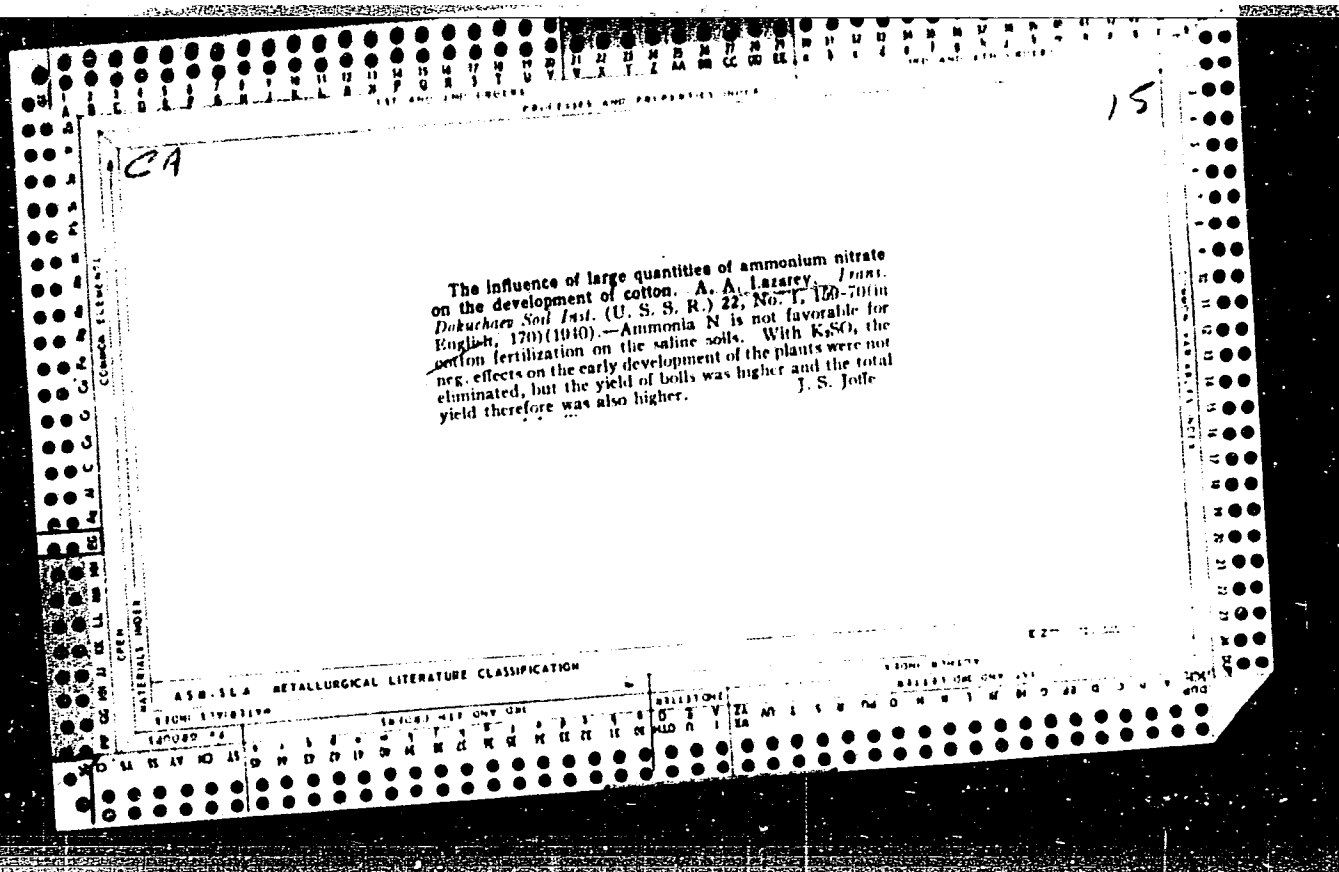
Cracking of paraffin hydrocarbons by the arc method.—  
Two-step process. František Čagal, Miloslav Štaud, and  
Anatolij Lazarev (Ústav pro naftový výzkum, Brno,  
Czech.). Chem. průmysl 9, 342-7(1959); cf. *ibid.* 225-30.  
—H<sub>2</sub>O was replaced by paraffin hydrocarbons for spray  
cooling of the hot (1600°) gaseous product obtained by crack-  
ing CH<sub>4</sub> to C<sub>2</sub>H<sub>4</sub> and C<sub>2</sub>H<sub>2</sub> in the elec. arc; in this way 10-  
15% of the energy lost in the one-step process is utilized.  
The product gas from the 2-step process is enriched in C<sub>2</sub>H<sub>4</sub>  
and C<sub>2</sub>H<sub>2</sub>, and the energy requirements are lowered by 21%  
when calcd. for C<sub>2</sub>H<sub>4</sub>, and by 35-38% when calcd. for C<sub>2</sub>H<sub>2</sub>  
and C<sub>2</sub>H<sub>4</sub>. Use of gasoline for cooling raises its octane no.;  
the optimum ratio is 1 l. of gasoline/cu.m. of CH<sub>4</sub>. The  
design of an arc app. for a flow rate of 5-10 cu.m./hr. is  
given. The duration of the 2-step cracking reaction is  
10<sup>-2</sup>-10<sup>-1</sup> sec. and is followed by cooling the gas to <200°  
by a H<sub>2</sub>O spray. P. Čelestín

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1-ja/1NB

ps

LAZAREV, A.A., inzh. (Vladivostok)

Necessity of reviewing the standards for the calculation of heat loss and making more allowance in them for local climatic conditions. Vod.i san.tekh. no.4:22-25 Ap '62. (MIRA 15:8)  
(Soviet Far East--Dwellings--Heating and ventilation)



1ST AND 2ND INDEXES																										3RD AND 4TH INDEXES																									
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LAZAREV, A. A., jt. au.

Soil conditions in the irrigated beet raising regions of Central Asia. Moskva, Izd-vo Akademii nauk SSSR, 1945. 74 p. (50-18312)

SB220.A9A6

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p>24</p> <p>2</p> <p>The accumulation and transformation of phosphorus in miaskites and granitoid-gneiss in the first stages of soil formation. A. A. Jazayev, <i>Ecology</i> (U.S.S.R.) 1945, 310-7 (English summary). Data are presented on the mineralogical compn. of pure miaskites and mixts. of these with fine earth (silt and clay). Chem. analyses are given on the colloid fraction and that approaching the colloid size of the fine earths and of granitoid-gneiss. It is shown that P accumulates in the fraction of diam. less than <math>0.2 \mu</math>, as high as 12.19 and 10.21%. The Fe, Ca, and Mg also accumulate in this fraction. The figures are based on soil after it has been ignited. In the case of the fraction of diam. less than <math>0.2 \mu</math> this loss is 75.08 and 73.86%, resp., on the two samples cited. A theoretical discussion is presented on the cycle of P in nature.</p> <p>J. S. Joffe</p>																			
A.S.M.-I.S.A. METALLURGICAL LITERATURE CLASSIFICATION																			
MATERIALS INDEX										PROCESS INDEX									
SUBJECT INDEX										SUBJECT INDEX									
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LAZAREV, A.

PA 54T6

USSR/Academy of Sciences  
Geology  
Geography

May 1947

"Department of Geological and Geographical Sciences,"  
A. Lazarev, 3 $\frac{1}{4}$  pp

"Vest Akad Nauk SSSR" No 5

Agrophysical Section of Ural Expedition completed its survey of Ural region with respect to agricultural possibilities. Data collected is being prepared monograph form. D. M. Rauzer-Chernousovoy and V. I. Gromov were awarded prize imeni A. P. Karpinskiy for work in field of geology. On 7 Mar Soil Institute held first annual meeting to read articles by various authors.

54T6

LAZAREV, A.A.

Agrochemical properties of soils of the Golodnaya Steppe. Trudy  
(MLRA 10:8)  
Pochv. inst. 29:239-280 '48.  
(Golodnaya Steppe--Soil chemistry)



CA

14

Composition of humus in gray podzolized soils in forest or agricultural use. A. A. Lazarev. *Doklady Akad. Nauk S.S.S.R.* 65, 741-4 (1949). The humus compn. of soil samples taken from various parts of European U.S.S.R. showed that subforest specimens are much richer in org. C than those from farm fields; in addn. the relative C contents of alc.-benzene extractables, of hydrolyzed samples ( $N H_2SO_4$ ), and that of fraction which goes into aq. soln. on removal of Ca is higher in the forest soils. The humic/fulvic acid ratio is lower for forest soil and is under 1.0; in farm soils it is over 1.0. G. M. K.

*Soil Fertility - 15*

*CA*

Several characteristics of the chemical properties of the gray-forest soils under forest and in cultivation. A. A. Lazarev. *Trudy Pochvennogo Inst. im. V. V. Dokuchaeva*. Akad. Nauk S.S.S.R. 33, 217-27(1959).—Analytical data on virgin forest soil and adjoining cultivated soil show some differences which L. suggests to be used in evaluating the soil-forming processes. J. S. Joffe

LAZAREV, A. A.

Soils of Serebriano-Prudsk region in the Moscow Oblast. Moskva, Akademiia nauk SSSR, 1951.  
150 p.

LAZAREV, A.A., Author

Soils - Moscow Province

"Soils of the Serebryanye Prudy district of Moscow Province, " Reviewed by YU. P. Lebedev, Pochvovedenie, No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

30(7)

AUTHORS:

Lazarev, A. A., Shuvalov, S. A., Candidates of Geologic-  
Mineralogic Sciences SOV/30-58-11-36/48

TITLE:

Gold Medal of the Soil Map Exposition of the USSR (Zolotaya medal' vystavki za pochvennuyu kartu SSSR)

PERIODICAL:

Vestnik Akademii nauk SSSR, 1958, Nr 11, pp 119-119 (USSR)

ABSTRACT:

This map on a scale of 1:4,000,000 was exhibited by the Pochvennyy institut im. V. V. Dokuchayeva Akademii nauk SSSR (Soil Institute imeni V. V. Dokuchayev of the AS USSR) at the World Fair in Brussels and was honored with the Gold Medal, in recognition of Soviet soil research and cartography. This map was developed by the senior collaborator of the Soil Institute N. N. Rozov with the cooperation of the senior of the Institute Ye. V. Lobova under the scientific direction of I. P. Gerasimov, Member, Academy of Sciences, USSR. The map was published in 1954 and represents the result of the work of several generations of soil experts. The map is an indispensable aid in the calculation of soil available, its valuation and distribution for agriculture. It serves as a teaching aid in universities and institutes of agriculture.

Card 1/2

LAZAREV, F.A., kand. geologo-miner. nauk, otv. red.; KAVUN, P.K., red.  
izd-va; SUSHKOVA, L.A., tekhn. red.

[Results of soil research on collective farms (exemplified by the  
Vladimir Il'ich Collective Farm in Serebryanyye Prudy District,  
Moscow Province)] Opyt pochvennykh issledovaniia zemel' v kolkho-  
zakh (na primere kolkhoza imeni Vladimira Il'icha Serebriano-  
prudskogo raiona Moskovskoi oblasti). Moskva, Izd-vo Akad. nauk  
SSSR, 1961. 145 p.  
(MIRA 14:12)

1. Akademiya nauk SSSR. Pochvennyi institut im. V.V.Dokuchayeva.  
(Soils)

LAZAREV, A.A.; DEM'YANOVICH, A.M., redaktor; TRASHUTIN, I.Ya., redaktor; TROITSEY,  
I.I. [Joint author]

[KDM-45 engine] Dvigatel' KDM-45. Moskva, Gos. nauchno-tekhn. iss-vo in-  
shinostroit. lit-ry. 1952. 303 p. (MIRA 5:5)  
(Tractors--Motors) (Diesel motor)

PHASE I Treasure Island Bibliographic Report

BOOK

00000033

Authors: LAZAREV, A.A., Engineer; MITSYN, P. V., Engineer; NIKIFOROV, A.A., Engineer; ROZET, I. YA., Engineer; TROITSKY, I. F., Engineer; SHCHERBINA, V.I., Eng.

Call No.: TL233.C427

Full Title: DISMANTLING AND ASSEMBLY OF THE TRACTOR "STALINETS-80".  
3rd edition.

Transliterated Title: Razborka i sborka traktora "Stalinets-80".

Publishing Data  
Originating Agency: Chelyabinsk Tractor Plant (im. Stalin)

Publishing House: State Publishing House of Agricultural Literature.  
(Sel'khozgiz). Moscow.

Date: 1952.

No. pp.: 422

No. copies: 100,000

Editorial Staff

Editor: Balzh, M.F. and Trashutin, I. Ya.

Editor-in-Chief: None.

Technical Editor: None  
Appraisers: None.

Text Data

Coverage: This book, prepared by a group of engineers of the Chelyabinsk Tractor Plant im. Stalin, brings in detail all the technical data and specifications of all the material and parts used in the construction of the tractor "Stalinets-80". The work explains how to repair this tractor, how to dismantle it, and how to assemble it.

Purpose: The book is intended for tractor operators, for foremen of tractor brigades, and for mechanics directly engaged in the repair and maintenance of the S-80 tractor.

1/2



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Card 2/2  
Full Title: DISMANTLING AND ASSEMBLY OF THE TRACTOR "STALINETS-80".  
3rd edition.

Facilities: None.  
No. Russian and Slavic References: None.  
Available: Library of Congress.

LAZAREV, A., ROZET, I.

Tractors

Improvement in the construction of tractors S-80. MTS 12 No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

LAZAREV, A.A., inzhener; MITSYN, P.V., inzhener; NIKIFOROV, A.A., inzhener;  
ROZET, I.Ya., inzhener; TROITSKIY, I.F., inzhener; SHCHERBINA, V.I.,  
inzhener; BALZHA, M.F., inzhener, redaktor; TRASHUTIN, I.Ya., in-  
zhener, redaktor; PESTRYAKOV, A.I., redaktor; ORLOVA, V.V., tekhnii-  
cheskiy redaktor.

[Assembling and disassembling the "Stalinets-80" tractor] Razborka  
i sborka traktora "Stalinets-80." Pod red. M.F.Balzhi i I.IA.Tra-  
shutina. 4-e izd., ispr. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry,  
1954. 429 p. (MLRA 7:10)  
(Tractors)

LAZAREV, A.A.; TROITSKIY, I.F.; BOLTINSKIY, V.N. professor, retsenzent;  
LYUBINSKIY, G.M., inzhener, retsenzent; PESTRYAKOV, A.I., inzhener  
redaktor; BROKSH, inzhener, redaktor; POPOVA, S.M., tekhnicheskii  
redaktor.

[The KDM-46 engine] Dvigatel' KDM-46. Izd.2-e dop. i ispr. Moskva,  
Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 319 p.  
(Tractors--Engines) (MLRA 8:10)

LAZAREV, A.

Achievements of I.Egorov, a mechanic and innovator. Avt.transp.  
33 no.1:17 Ja'55. (MLRA 8:3)  
(Egorov, Ivan Pavlovich)

~~LAZAREV~~ A.A., inzhener; MITSYN, P.V., inzhener; NIKIFOROV, A.A., inzhener; ROZET, I.Ya., inzhener; MAMONTOV, Ye.V., inzhener, redaktor; STUPIN, A.K., redaktor izdatel'stva; UVAROVA, A.P., tekhnicheskij redaktor

[Catalog of S-80 tractor parts] Katalog detalei traktora S-80.  
Izd. 2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroitel'stva, 1956. 225 p.  
(MIRA 10:4)

1. Chelyabinskiy traktornyy zavod, Chelyabinsk.  
(Tractors--Apparatus and supplies--Catalogs)

LAZAREV, A.

Creative initiative of the collective. Avt.transp.34 no.3:34  
Mr '56. (MLRA 9:7)  
(Bashkir A.S.S.R.--Automobile drivers)

LAZAREV, A.

Outstanding driver V. Tarasov. Avt.transp. 34 no.9:35 S '56.  
(Tarasov, V.) (MLBA 9:11)



LAZAREV, Anatoliy Abramovich, inzh.; MITSYN, P.V., inzh.; NIKIFOROV, A.A., inzh.;  
ROZET, I.Ya., inzh.; MAMONTOV, Ye.V., inzh.; KOBLYAKOV, L.M., red.;  
GOR'KOVA, Z.D., tekhn.red.

[Manual on the operation of S-80 and S-100 tractors] Rukovodstvo  
po ekspluatatsii traktorov S-80 i S-100. Pod red. E.V.Mamontova.  
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1957. 357 p. (MIRA 11:1)  
(Tractors)

LAZAREV, A., avtomekhanik.

Innovator machinist. Avt.transp.35 no.1:37 Ja '57. (MLBA 10:3)  
(Kotov, Petr Vasil'evich)

LAZAREV, Anatoliy Abramovich

Razborka i sborka traktorov S-80 i S-100

"Dismantling and Assemblage of S-80 and S-100 Tractors," by A. A.

Lazarev i Dr 6. izd., ispr. i dop. Moskva, Sel'khozgiz, 1958.

394 p. illus., diagrs., tables.

At head of title: Chelyabinskiy Traktorny Zavod.

KAV'YAROV, I.S., inzh.; LAZAREV, A.A., inzh.; NIKIFOROV, A.A., inzh.;  
ROZET, I.Ya., inzh.; VOYTEFSKIY, G.P., inzh., red.; KASPEROVICH,  
N.S., inzh., red.izd-va; UVAROVA, A.F., tekhn.red.

[Catalog of spare parts for S-80 and S-100 tractors] Katalog  
zapasnykh chastei traktorov S-80 i S-100. Moskva, Gos.nauchno-  
tekhn.izd-vo mashinostroit.lit-ry, 1959. 230 p.

(MIRA 14:4)

1. Chelyabinskiy traktornyy zavod, Chelyabinsk. 2. Otdel glavnogo  
konstruktora Chelyabinskogo traktornogo zavoda (for Kav'yarov,  
Lazarev, Nikiforov, Rozet).  
(Tractors--Catalogs)

LAZAREV, Anatoliy Abramovich; ROZET, Isaak Yakovlevich; YEFIMOV, Viktor  
Ivanovich; PICHAK, F.I., kand.tekhn.nauk, red.; YERMAKOV, N.P.,  
tekhn.red.

[The KDM-100 engine; construction and operation] Dvigatel'  
KDM-100; ustroistvo i ekspluatatsiia. Moskva, Gos.nauchno-tekhn.  
izd-vo mashinostroit.lit-ry, 1960. 254 p. (MIRA 13:5)  
(Diesel engines)

~~LAZAREV~~, Anatoliy Abramovich, inzh.; MITSYN, P.V., inzh.; NIKIFOROV, A.A.,  
inzh.; ROZET, I.Ya., inzh.. Prinimali uchastiye: ZLOTHIK, M.I.,  
inzh.; MAGARILLO, B.L., inzh.. KAV'YAROV, I.S., inzh., red.;  
TRASHUTIN, I.Ya., inzh., red.; KOBYLYAKOV, L.M., red.; PEVZNER,  
V.I., tekhn.red.

[Manual for operating the S-100 tractor] Rukovodstvo po eksplua-  
tatsii traktora S-100. Pod red. I.S.Kav'iarova i I.IA. Trashutina.  
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 263 p. (MIRA 13:5)  
(Tractors)

SOKOLOV, V.S., inzh.; LAZAREV, A.A., inzh.; POPOV, V.N., kand.tekhn.nauk;  
TARASOV, A.N., inzh.; POTAPOV, Yu.A., inzh.

Results of using the TSNIDI combustion chamber for KDM diesel tractors.  
Trakt. i sel'khoz mash. 30 no.9:15-17 S '60. (MIRA 13:9)

1. Tsentral'nyy nauchno-issledovatel'skiy dizel'nyy institut (for Sokolov).
2. Chelyabinskiy traktorny zavod (for Potapov).  
(Diesel engines)

BORDUKOV, V.T.; SOKOLOV, V.S.; LAZAREV, A.A.; POPOV, V.N.

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Leningrad (for Bordukov, Sokolov). 2. Chelyabinskiy traktornyy  
zavod (for Lazarev, Popov).  
(Diesel engines)



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ROZET, I.Ya., inzh.; KRYUKOV, V., red.; BALLOD, A., tekhn.  
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[Dismantling and assembling the S-100 tractor] Razborka i  
sborka traktora S-100. Moskva, Izd-vo sel'khoz. lit-ry,  
zhurnalov i plakatov, 1962. 231 p. (MIRA 15:4)

1. Chelyabinskiy traktorny zavod (for Lazarev, Mitsyn,  
Nikiforov, Rozet).  
(Tractors---Maintenance and repair)

BALZHI, M.F.; BEREZKIN, P.N.; GOL'DSHTEYN, Ya.Ye.; GAL'PERIN, Ye.B.;  
YEDLICHKO, V.V.; KERAS, A.F.; LEKUS, I.D.; POTEKUSHIN, N.V.;  
POZDNYSHV, V.M.; SUBBOTIN, N.A.; SAVINTSEV, R.I.; TAMAROVSKIY,  
V.M.; SHEREMET'YEV, A.D.; BAKSHI, O.A., kand. tekhn. nauk,  
retsenzent; BONDIN, Ye.A., inzh., retsenzent; BOYKO, F.I., inzh.,  
retsenzent; VASIN, Yu.P., inzh., retsenzent; LAZAREV, A.A., inzh.,  
retsenzent; SOROKIN, A.I., inzh., retsenzent; KON'KOV, Arkadiy  
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[Economy of metals in the machinery industry]Ekonomiia metallov  
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Viktor Ivanovich; PICHAK, F.I., kand. tekhn. nauk, red.;  
BEZUKLADNIKOV, M.A., red.; YERMAKOV, N.P., tekhn. red.

[KDM-100 engine; its design and operation] Dvigatel' KDM-100;  
ustroistvo i ekspluatatsiia. Izd.2. Moskva, Mashgiz, 1963.  
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(Diesel engines)

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tekhn.nauk; LAZAREV, A.A., inzh.; POPOV, V.N., knad.tekhn.nauk;  
SUKHOV, Ye. I., inzh.

Results of turbocharging of the KDM-100 engines. Izv.vys.ucheb.  
zav.; mashinostr. no.5:37-46 '62. (MIRA 15:10)

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i Chelyabinskiy traktorny zavod.

(Tractors--Engines--Superchargers)

LAZAREV, A.A., inzh.; MITSYN, P.V., inzh.; NIKIFOROV, A.A., inzh.;  
ROZET, I.Ya., inzh.; SHCHEBINA, V.I., inzh.; DEM'YANOVICH,  
A.N., laureat Stalinskoy premii, red.; TIKHONOV, A.Ya.,  
tekhn. red.

[Catalog of parts of the "Stalinets-80" tractor] Katalog deta-  
lei traktora "Stalinets-80." Moskva, Moskva, Mashgiz, 1953.  
217 p. (MIRA 16:7)

1. Glavnyy inzhener Chelyabinskogo traktornogo zavoda im. Stalina  
(for Dem'yanovich). (Tractors—Catalogs)

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[Apparatus for nuclear spectrometry; collection of scientific and technical articles] Apparatura dlia iadernoi spektrometrii; nauchno-tekhnicheskii sbornik. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki. No.1. 1960. 131 p. (MIRA 14:7)  
(Spectrometry) (Nuclear research)

LAZAREV, A. F.

"Sur la synthese de l'acide l-ascorbique (vitamine C)." Maximov, V. I.; Nikonova, V. V.;  
lazarev, A. F.; Zvereva, L. A. (p. 936)

SO: Journal of General Chemistry  
(Zhurnal Obshchei Khimii) 1939, Volume 9, #10



1ST AND 2ND ORDERS		PROCESSES AND PROPERTIES INDEX	
LAZAREV, A. F.		11F	
ca		<p>Formation of hydantole acid in surviving tissues. A. F. Lazarev. Doklady Akad. Nauk S.S.S.R. 61, 677-80 (1940). Liver slices of white rats contain and are able to synthesize <math>H_2NCONHCH_2COOH</math>, probably by condensation of glycine with <math>CO_2</math>, followed by dehydrative condensation. The tissue slices were studied by the manometric method in an atm. of 95% <math>O_2</math> and 5% <math>CO_2</math> in Ringer bicarbonate soln.; the solns. were then adjusted to pH 0 by HCL, deproteinized by boiling 10 min., and aliquots were passed over Permutit to absorb citrulline, while the filtrate was analyzed with urease according to Sumner (C.A. 20, 3301). Fresh slices contain 20-21 mg. hydantole acid per 100 g., while citrulline is absent; during incubation, the former increases to 83-90 mg. in the course of 3-4 hr. incubation as above. Addn. of glycine, <math>NH_4</math>, or glutamine alone to the tissue slices does not influence the formation of hydantole acid; combined addn. of glycine and <math>NH_4</math> increases its content by 35-40%; further addn. of glutamine increases it by a factor of 6 (0.04 moles glycine, 0.02 moles <math>NH_4</math>, and 0.01 moles glutamine added to 21 mg. tissue, gave 174-196 mg. hydantole acid per 100 g. of tissue after 3-hr. incubation). Glutamine, however, is not the source of the ureido group and its role is obscure. G. M. Kosolapoff</p>	
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION		EIGHTH EDITION	
MATERIALS INDEX		RESEARCH GROUP	
GROUP		SUBGROUP	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	

LAZAREV, A. F.

PA 11/49T76

USSR/Medicine - Animals, Experimentation Aug 48  
Chemistry - Hydantoic Acid

"Formation of Hydantoic Acid in Surviving Tissues,"  
A. F. Lazarev, Lab Physiol Chem, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXI, No 4

When glycine and ammonia are applied to surviving sections of white rats in a bicarbonate buffer, formation of hydantoic acid is observed. Describes preparation in detail. Discusses role of acid in synthesis of ureides. Submitted 19 May 48.

11/49T76

CA LAZAREV, A-F

Separate determination of hydantoic acid and citrulline in tissue extracts. A. P. Lazarev (Tartus Univ., U.S.S.R.), *Biochimica* 15, 401-7 (1950); cf. C.A. 43, 741g; Pearson, C.A. 33, 822g. Hydantoic acid was the substance present in tissues which gave a strong carbamide biacetyl reaction, although proteins, citrulline, tryptophan, urea, and allantoic acid were absent. Citrulline was detd. in a protein-free ext. by adsorption on zeolite, elution with pH 7 phosphate buffer, and treatment with a 3% soln. of biacetyl dioxime in  $H_2SO_4$ . The mixt. of hydantoic acid and urea (these substances were not adsorbed by the zeolite) was treated with urease, and after the decompn. of the urea, the hydantoic acid was detd. colorimetrically with the biacetyl dioxime reagent. H. Priestley

LAZAREV, A.F.; ANTONOVA, Ye.Ye.

Obtaining growth hormone antisera by immunizing rabbits with antigen microdoses. Biul. eksp. biol. i med. 56 no.12:66-68 B' 62. (MIRA 17:11)

1. Opytno-proizvodstvennaya laboratoriya (zav. - dotsent A.F. Lazarev) Vsesoyuznogo instituta eksperimental'noy endokrinologii (dir. - prof. Ye.A. Vasyukova), Moskva.